

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3B-940-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

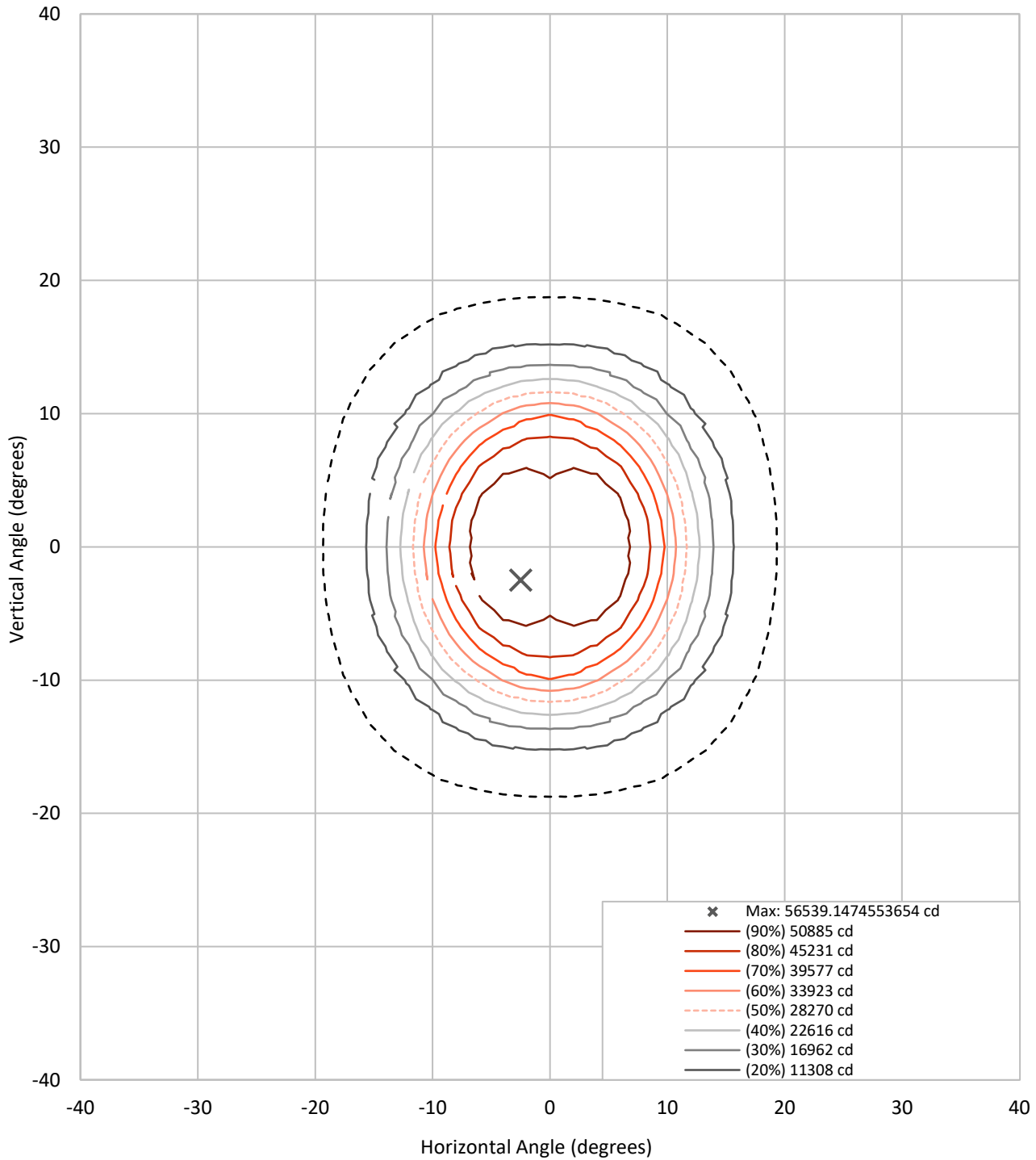
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	10691.5 lumens	Max Intensity:	56539.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	117.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	5772 lumens	Field Lumens:	8704.5 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 91  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





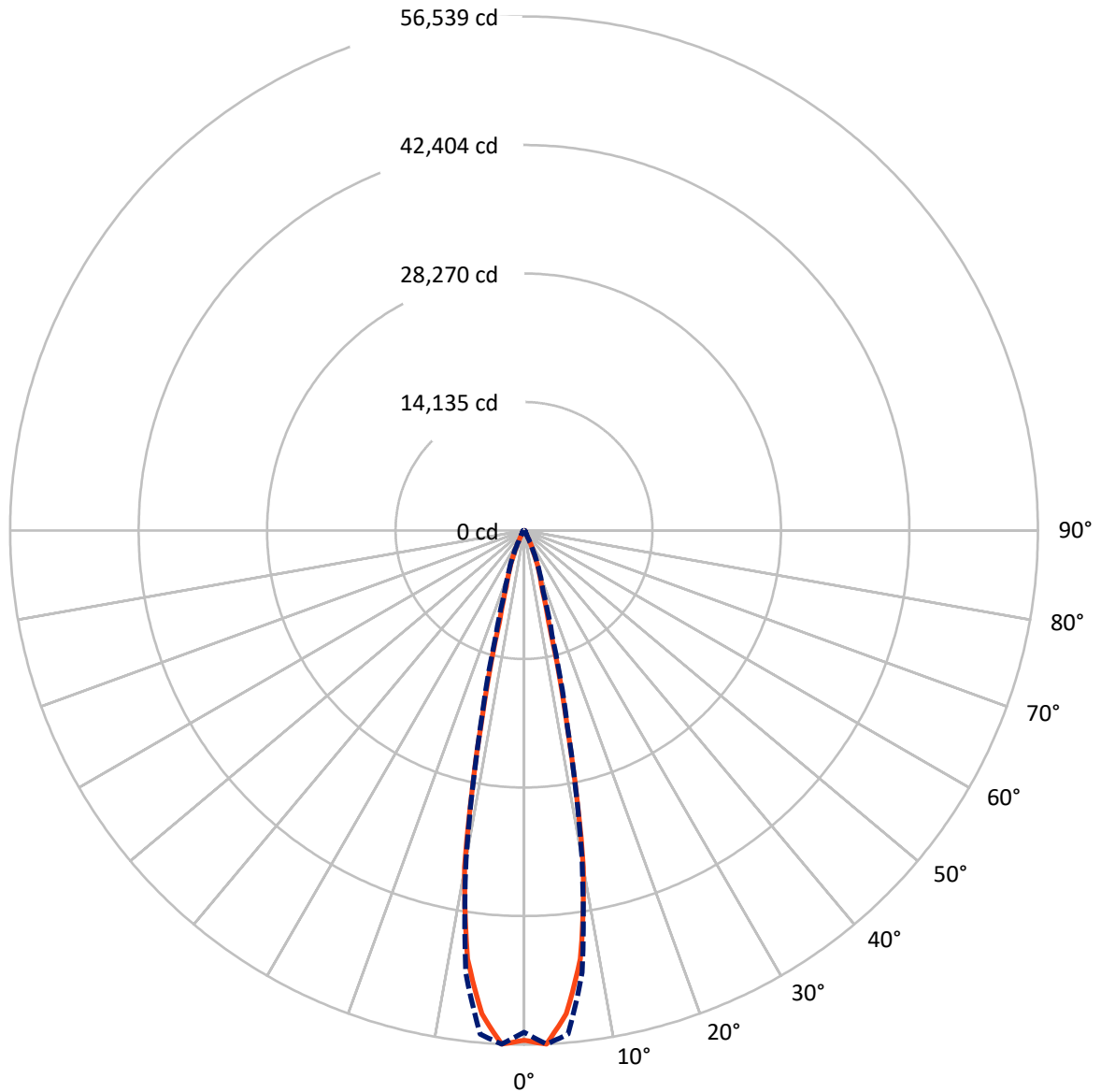
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### Lumen Table

90	0.1	1.1		2.9		4.6		5.4		4.6		2.9		1.1		0.1			
80	0.1	1.1		2.9		4.6		5.4		4.6		2.9		1.1		0.1			
70	0.5	0.6	1.2	1.9	2.6	3.2	3.6	3.9	3.9	3.6	3.2	2.6	1.9	1.2	0.6	0.5			
60		0.8	1.7	2.7	3.5	4.2	4.7	4.9	4.9	4.7	4.2	3.5	2.7	1.7	0.8				
50	0.9	1.1	2.1	3.2	4.1	5.0	5.8	6.1	6.1	5.8	5.0	4.1	3.2	2.1	1.1	0.9			
40		1.3	2.5	3.6	4.9	6.6	8.7	10.5	10.5	8.7	6.6	4.9	3.6	2.5	1.3				
30	1.2	1.5	2.7	4.0	6.0	10.9	32.8	64.0	64.0	32.8	10.9	6.0	4.0	2.7	1.5	1.2			
20		1.6	2.8	4.2	7.5	32.4	149.7	384.9	384.9	149.7	32.4	7.5	4.2	2.8	1.6				
10	1.3	1.7	2.9	4.4	9.0	63.2	389.8	1377.0	1377.0	389.8	63.2	9.0	4.4	2.9	1.7	1.3			
0		1.7	2.9	4.4	9.0	63.2	389.8	1377.0	1377.0	389.8	63.2	9.0	4.4	2.9	1.7				
-10	1.2	1.6	2.8	4.2	7.5	32.4	149.7	384.9	384.9	149.7	32.4	7.5	4.2	2.8	1.6	1.2			
-20		1.5	2.7	4.0	6.0	10.9	32.8	64.0	64.0	32.8	10.9	6.0	4.0	2.7	1.5				
-30	0.9	1.3	2.5	3.6	4.9	6.6	8.7	10.5	10.5	8.7	6.6	4.9	3.6	2.5	1.3	0.9			
-40		1.1	2.1	3.2	4.1	5.0	5.8	6.1	6.1	5.8	5.0	4.1	3.2	2.1	1.1				
-50	0.5	0.8	1.7	2.7	3.5	4.2	4.7	4.9	4.9	4.7	4.2	3.5	2.7	1.7	0.8	0.5			
-60		0.6	1.2	1.9	2.6	3.2	3.6	3.9	3.9	3.6	3.2	2.6	1.9	1.2	0.6				
-70	0.1	1.1		2.9		4.6		5.4		4.6		2.9		1.1		0.1			
-80		1.1		2.9		4.6		5.4		4.6		2.9		1.1					
-90	0.1	1.1		2.9		4.6		5.4		4.6		2.9		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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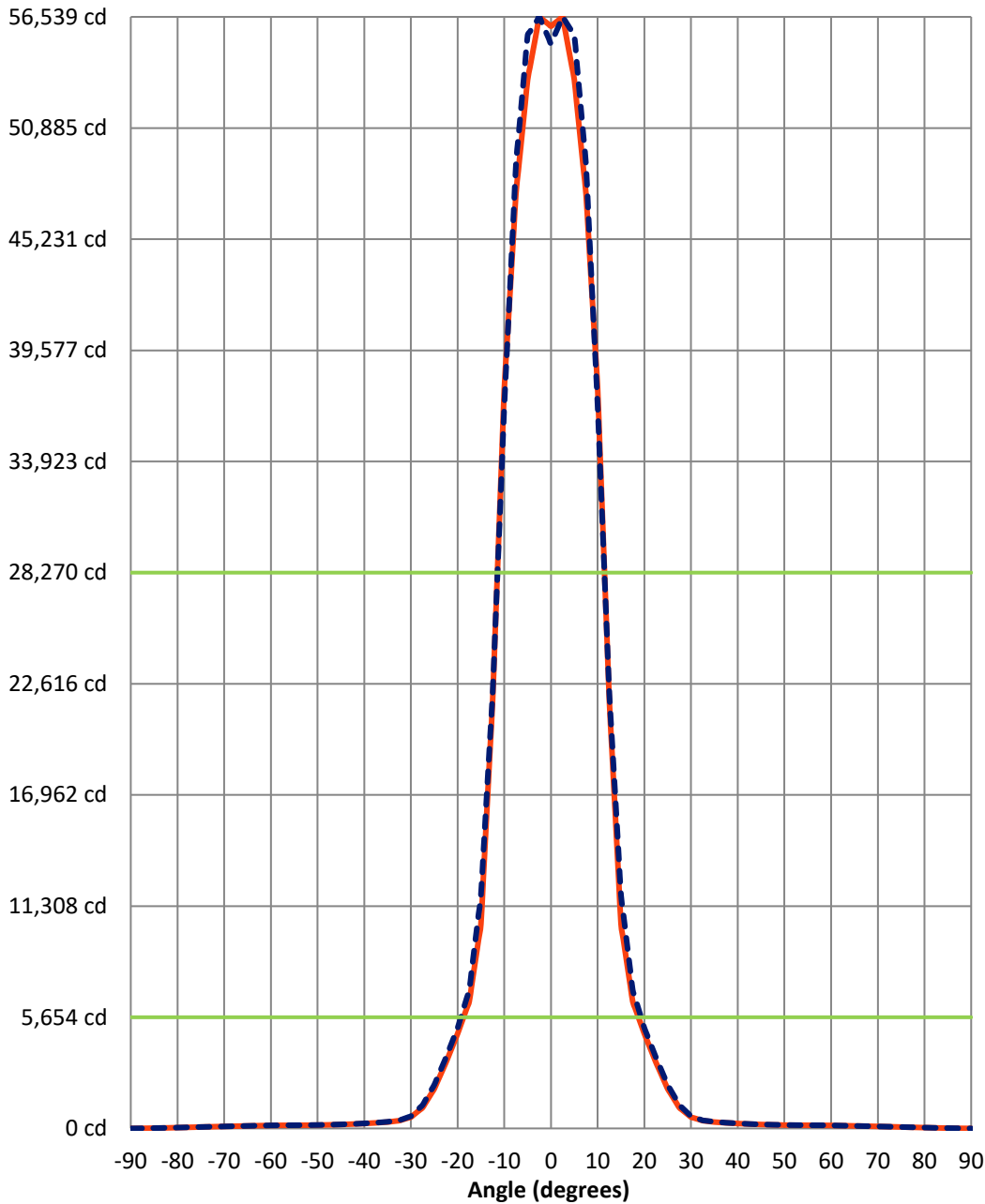
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.9°  
V Angle: 22.9°  
Lumens: 5772  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 8704.5  
Efficiency: 81.4%

**Spill:**  
Lumens: 1987  
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
- - Horizontal Distribution through -2.5-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.4	8.6
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	7.8	9.4	11.1	12.8
77.5°	0.0	1.3	2.6	3.9	5.2	6.7	8.6	10.5	12.6	14.7	17.0
75°	0.0	1.6	3.1	4.6	6.3	8.6	10.9	13.2	15.8	18.8	21.6
72.5°	0.0	1.8	3.6	5.4	7.9	10.6	13.1	16.1	19.6	23.0	26.1
70°	0.0	2.1	4.1	6.2	9.5	12.5	15.5	19.4	23.4	27.1	31.5
67.5°	0.0	2.3	4.6	7.4	11.0	14.4	18.4	22.8	27.1	32.2	37.1
65°	0.0	2.5	5.1	8.6	12.6	16.5	21.2	26.1	31.5	37.1	42.7
62.5°	0.0	2.8	5.5	9.8	14.1	18.8	24.0	29.7	35.9	42.1	48.5
60°	0.0	3.0	6.0	10.9	15.6	21.0	26.7	33.4	40.1	47.2	54.2
57.5°	0.0	3.2	6.7	12.0	17.3	23.2	29.8	37.1	44.5	52.2	59.7
55°	0.0	3.4	7.5	13.1	18.9	25.3	32.8	40.6	48.9	57.1	65.2
52.5°	0.0	3.7	8.2	14.2	20.5	27.4	35.8	44.3	53.1	61.8	70.5
50°	0.0	3.9	8.8	15.2	22.1	29.8	38.6	47.9	57.2	66.4	75.7
47.5°	0.0	4.1	9.5	16.2	23.6	32.1	41.4	51.5	61.2	70.9	80.9
45°	0.0	4.2	10.1	17.3	25.0	34.3	44.4	54.9	65.0	75.4	86.0
42.5°	0.0	4.4	10.7	18.3	26.4	36.4	47.2	58.2	68.8	79.8	90.5
40°	0.0	4.6	11.3	19.2	27.8	38.4	49.9	61.3	72.4	84.1	94.7
37.5°	0.0	4.8	11.9	20.2	29.3	40.4	52.5	64.2	75.9	88.0	98.7
35°	0.0	4.9	12.4	21.0	30.8	42.3	55.0	67.0	79.3	91.3	102.5
32.5°	0.0	5.1	12.9	21.8	32.2	44.3	57.3	69.7	82.4	94.4	106.2
30°	0.0	5.2	13.3	22.6	33.4	46.1	59.5	72.2	85.3	97.4	109.6
27.5°	0.0	5.3	13.7	23.3	34.7	47.8	61.4	74.6	87.9	100.1	112.6
25°	0.0	5.4	14.1	23.9	35.8	49.4	63.3	76.7	90.1	102.6	115.3
22.5°	0.0	5.5	14.5	24.5	36.9	50.8	64.9	78.7	92.2	104.9	117.7
20°	0.0	5.6	14.8	25.0	37.8	52.1	66.4	80.4	94.0	106.9	119.8
17.5°	0.0	5.7	15.1	25.5	38.7	53.3	67.7	82.0	95.6	108.5	121.7
15°	0.0	5.8	15.3	25.9	39.5	54.3	68.9	83.3	97.0	110.0	123.3
12.5°	0.0	5.9	15.5	26.2	40.2	55.1	69.8	84.4	98.2	111.1	124.6
10°	0.0	5.9	15.7	26.5	40.8	55.8	70.6	85.4	99.2	112.3	125.7
7.5°	0.0	5.9	15.8	26.7	41.2	56.3	71.2	86.1	100.0	113.3	126.5
5°	0.0	6.0	15.9	26.9	41.6	56.7	71.6	86.6	100.6	114.1	126.9
2.5°	0.0	6.0	16.0	27.0	41.9	56.9	71.9	86.9	100.9	114.7	127.1
0°	0.0	6.0	16.0	27.0	42.0	57.0	72.0	87.0	101.0	115.0	127.0
-2.5°	0.0	6.0	16.0	27.0	42.0	57.0	72.0	87.0	101.0	115.0	127.0
-5°	0.0	6.0	15.9	26.9	41.6	56.7	71.6	86.6	100.6	114.1	126.9
-7.5°	0.0	5.9	15.8	26.7	41.2	56.3	71.2	86.1	100.0	113.3	126.5
-10°	0.0	5.9	15.7	26.5	40.8	55.8	70.6	85.4	99.2	112.3	125.7
-12.5°	0.0	5.9	15.5	26.2	40.2	55.1	69.8	84.4	98.2	111.1	124.6
-15°	0.0	5.8	15.3	25.9	39.5	54.3	68.9	83.3	97.0	110.0	123.3
-17.5°	0.0	5.7	15.1	25.5	38.7	53.3	67.7	82.0	95.6	108.5	121.7
-20°	0.0	5.6	14.8	25.0	37.8	52.1	66.4	80.4	94.0	106.9	119.8



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 CATALOG NUMBER: GFLD-SA3B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	14.5	24.5	36.9	50.8	64.9	78.7	92.2	104.9	117.7
-25°	0.0	5.4	14.1	23.9	35.8	49.4	63.3	76.7	90.1	102.6	115.3
-27.5°	0.0	5.3	13.7	23.3	34.7	47.8	61.4	74.6	87.9	100.1	112.6
-30°	0.0	5.2	13.3	22.6	33.4	46.1	59.5	72.2	85.3	97.4	109.6
-32.5°	0.0	5.1	12.9	21.8	32.2	44.3	57.3	69.7	82.4	94.4	106.2
-35°	0.0	4.9	12.4	21.0	30.8	42.3	55.0	67.0	79.3	91.3	102.5
-37.5°	0.0	4.8	11.9	20.2	29.3	40.4	52.5	64.2	75.9	88.0	98.7
-40°	0.0	4.6	11.3	19.2	27.8	38.4	49.9	61.3	72.4	84.1	94.7
-42.5°	0.0	4.4	10.7	18.3	26.4	36.4	47.2	58.2	68.8	79.8	90.5
-45°	0.0	4.2	10.1	17.3	25.0	34.3	44.4	54.9	65.0	75.4	86.0
-47.5°	0.0	4.1	9.5	16.2	23.6	32.1	41.4	51.5	61.2	70.9	80.9
-50°	0.0	3.9	8.8	15.2	22.1	29.8	38.6	47.9	57.2	66.4	75.7
-52.5°	0.0	3.7	8.2	14.2	20.5	27.4	35.8	44.3	53.1	61.8	70.5
-55°	0.0	3.4	7.5	13.1	18.9	25.3	32.8	40.6	48.9	57.1	65.2
-57.5°	0.0	3.2	6.7	12.0	17.3	23.2	29.8	37.1	44.5	52.2	59.7
-60°	0.0	3.0	6.0	10.9	15.6	21.0	26.7	33.4	40.1	47.2	54.2
-62.5°	0.0	2.8	5.5	9.8	14.1	18.8	24.0	29.7	35.9	42.1	48.5
-65°	0.0	2.5	5.1	8.6	12.6	16.5	21.2	26.1	31.5	37.1	42.7
-67.5°	0.0	2.3	4.6	7.4	11.0	14.4	18.4	22.8	27.1	32.2	37.1
-70°	0.0	2.1	4.1	6.2	9.5	12.5	15.5	19.4	23.4	27.1	31.5
-72.5°	0.0	1.8	3.6	5.4	7.9	10.6	13.1	16.1	19.6	23.0	26.1
-75°	0.0	1.6	3.1	4.6	6.3	8.6	10.9	13.2	15.8	18.8	21.6
-77.5°	0.0	1.3	2.6	3.9	5.2	6.7	8.6	10.5	12.6	14.7	17.0
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	7.8	9.4	11.1	12.8
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.4	8.6
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.7	7.3	7.9	8.4	8.9	9.3	9.9	10.5	11.1
82.5°	9.7	10.7	11.6	12.5	13.2	13.9	14.6	15.6	16.8	18.0	19.1
80°	14.2	15.5	16.9	18.5	20.0	21.6	23.1	24.7	26.1	27.4	28.8
77.5°	19.1	21.1	23.2	25.2	27.4	29.8	32.1	34.3	36.4	38.4	40.3
75°	24.2	26.7	29.8	32.8	35.8	38.6	41.4	44.3	47.0	49.6	52.1
72.5°	29.7	33.4	37.1	40.6	44.5	48.2	51.6	54.8	58.1	61.4	64.5
70°	35.9	40.1	44.7	49.3	53.8	57.9	62.0	66.1	70.3	73.8	76.9
67.5°	42.1	47.3	52.6	57.9	62.8	67.5	72.4	77.0	81.3	85.0	88.5
65°	48.5	54.4	60.2	65.9	71.4	77.0	82.3	87.3	91.9	96.1	100.1
62.5°	54.9	61.3	67.6	73.9	80.4	86.5	92.1	97.3	102.4	106.9	111.2
60°	61.1	68.0	75.0	82.0	89.0	95.5	101.5	106.9	112.1	117.1	121.5
57.5°	67.2	74.6	82.2	89.8	97.1	104.1	110.2	116.0	121.4	126.4	131.0
55°	73.2	81.0	89.2	97.2	104.9	112.1	118.6	124.4	130.1	134.7	139.1
52.5°	79.1	87.4	95.9	104.3	112.1	119.5	126.3	132.2	137.3	142.1	146.0
50°	84.9	93.5	102.3	110.8	118.9	126.4	133.2	138.9	143.8	148.2	151.9
47.5°	90.4	99.5	108.2	117.0	125.2	132.7	139.4	144.7	149.5	153.4	156.9
45°	95.5	105.0	114.1	122.7	131.0	138.4	144.6	150.0	154.4	158.3	161.8
42.5°	100.4	110.4	119.6	128.1	136.3	143.5	149.5	154.5	159.1	162.9	166.7
40°	105.2	115.6	124.9	133.3	141.3	148.1	153.7	158.9	163.3	167.6	171.8
37.5°	109.8	120.3	129.9	138.5	145.5	152.1	157.7	162.8	167.8	172.6	178.1
35°	114.2	124.8	134.5	143.0	149.9	155.7	161.4	166.9	172.7	178.7	185.2
32.5°	118.3	129.2	139.0	146.8	153.3	159.1	165.0	171.7	178.5	185.4	193.4
30°	121.9	133.2	143.1	150.3	156.3	162.1	169.1	176.8	184.7	192.7	202.0
27.5°	125.1	136.9	146.1	153.1	159.0	164.6	172.4	182.3	190.9	199.4	209.7
25°	128.0	139.9	148.9	155.5	161.0	167.0	175.1	185.3	196.2	205.5	219.7
22.5°	130.6	142.5	151.5	157.6	162.6	169.0	177.3	187.3	198.5	210.2	229.9
20°	132.7	144.5	153.7	159.4	163.8	170.5	178.5	188.7	201.2	218.0	239.9
17.5°	134.6	146.5	155.3	160.6	165.3	171.6	178.9	189.5	204.1	225.0	249.0
15°	136.3	148.5	156.7	161.5	166.4	172.6	180.5	191.6	208.4	231.6	257.4
12.5°	137.6	150.3	157.8	162.4	167.1	173.4	182.3	195.0	213.6	238.1	266.7
10°	138.7	152.0	158.7	163.0	167.5	174.0	183.9	197.6	217.8	244.1	274.9
7.5°	139.7	153.4	159.4	163.4	167.6	174.2	185.1	199.5	221.0	249.1	281.8
5°	140.4	154.3	160.1	163.8	167.5	174.3	186.0	200.7	222.9	252.8	286.9
2.5°	140.8	154.8	160.6	163.9	167.3	174.3	186.7	202.7	225.4	255.6	290.0
0°	141.0	155.0	161.0	164.0	167.0	174.0	187.0	204.0	227.0	257.0	291.0
-2.5°	140.8	154.8	160.6	163.9	167.3	174.3	186.7	202.7	225.4	255.6	290.0
-5°	140.4	154.3	160.1	163.8	167.5	174.3	186.0	200.7	222.9	252.8	286.9
-7.5°	139.7	153.4	159.4	163.4	167.6	174.2	185.1	199.5	221.0	249.1	281.8
-10°	138.7	152.0	158.7	163.0	167.5	174.0	183.9	197.6	217.8	244.1	274.9
-12.5°	137.6	150.3	157.8	162.4	167.1	173.4	182.3	195.0	213.6	238.1	266.7
-15°	136.3	148.5	156.7	161.5	166.4	172.6	180.5	191.6	208.4	231.6	257.4
-17.5°	134.6	146.5	155.3	160.6	165.3	171.6	178.9	189.5	204.1	225.0	249.0
-20°	132.7	144.5	153.7	159.4	163.8	170.5	178.5	188.7	201.2	218.0	239.9



REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	130.6	142.5	151.5	157.6	162.6	169.0	177.3	187.3	198.5	210.2	229.9
-25°	128.0	139.9	148.9	155.5	161.0	167.0	175.1	185.3	196.2	205.5	219.7
-27.5°	125.1	136.9	146.1	153.1	159.0	164.6	172.4	182.3	190.9	199.4	209.7
-30°	121.9	133.2	143.1	150.3	156.3	162.1	169.1	176.8	184.7	192.7	202.0
-32.5°	118.3	129.2	139.0	146.8	153.3	159.1	165.0	171.7	178.5	185.4	193.4
-35°	114.2	124.8	134.5	143.0	149.9	155.7	161.4	166.9	172.7	178.7	185.2
-37.5°	109.8	120.3	129.9	138.5	145.5	152.1	157.7	162.8	167.8	172.6	178.1
-40°	105.2	115.6	124.9	133.3	141.3	148.1	153.7	158.9	163.3	167.6	171.8
-42.5°	100.4	110.4	119.6	128.1	136.3	143.5	149.5	154.5	159.1	162.9	166.7
-45°	95.5	105.0	114.1	122.7	131.0	138.4	144.6	150.0	154.4	158.3	161.8
-47.5°	90.4	99.5	108.2	117.0	125.2	132.7	139.4	144.7	149.5	153.4	156.9
-50°	84.9	93.5	102.3	110.8	118.9	126.4	133.2	138.9	143.8	148.2	151.9
-52.5°	79.1	87.4	95.9	104.3	112.1	119.5	126.3	132.2	137.3	142.1	146.0
-55°	73.2	81.0	89.2	97.2	104.9	112.1	118.6	124.4	130.1	134.7	139.1
-57.5°	67.2	74.6	82.2	89.8	97.1	104.1	110.2	116.0	121.4	126.4	131.0
-60°	61.1	68.0	75.0	82.0	89.0	95.5	101.5	106.9	112.1	117.1	121.5
-62.5°	54.9	61.3	67.6	73.9	80.4	86.5	92.1	97.3	102.4	106.9	111.2
-65°	48.5	54.4	60.2	65.9	71.4	77.0	82.3	87.3	91.9	96.1	100.1
-67.5°	42.1	47.3	52.6	57.9	62.8	67.5	72.4	77.0	81.3	85.0	88.5
-70°	35.9	40.1	44.7	49.3	53.8	57.9	62.0	66.1	70.3	73.8	76.9
-72.5°	29.7	33.4	37.1	40.6	44.5	48.2	51.6	54.8	58.1	61.4	64.5
-75°	24.2	26.7	29.8	32.8	35.8	38.6	41.4	44.3	47.0	49.6	52.1
-77.5°	19.1	21.1	23.2	25.2	27.4	29.8	32.1	34.3	36.4	38.4	40.3
-80°	14.2	15.5	16.9	18.5	20.0	21.6	23.1	24.7	26.1	27.4	28.8
-82.5°	9.7	10.7	11.6	12.5	13.2	13.9	14.6	15.6	16.8	18.0	19.1
-85°	5.5	6.0	6.7	7.3	7.9	8.4	8.9	9.3	9.9	10.5	11.1
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	4.9	4.8	4.7	4.5	4.8	5.2	5.5	5.8	5.9	5.9
85°	11.7	12.1	12.5	12.8	13.1	13.5	13.9	14.1	14.4	14.8	15.2
82.5°	20.0	20.8	21.6	22.3	22.9	23.7	24.4	25.1	25.8	26.2	26.5
80°	30.1	31.5	32.7	33.8	34.7	35.9	37.1	38.1	39.1	39.7	40.1
77.5°	42.3	44.0	45.5	47.0	48.4	49.8	50.9	51.9	52.6	53.5	54.4
75°	54.4	56.7	58.8	60.7	62.4	63.9	65.3	66.5	67.7	68.7	69.6
72.5°	67.4	69.9	72.2	74.3	76.3	78.2	80.0	81.7	83.1	84.3	85.2
70°	79.8	82.6	85.3	88.0	90.3	92.5	94.5	96.2	97.7	99.0	100.1
67.5°	91.8	95.0	98.1	101.1	103.7	106.0	108.2	110.2	112.1	113.5	114.5
65°	103.8	107.3	110.7	113.7	116.3	118.7	121.2	123.4	125.2	126.6	127.5
62.5°	115.4	119.2	122.5	125.6	128.6	131.1	133.2	135.2	137.0	138.5	139.5
60°	125.7	129.7	132.9	135.8	138.6	141.0	143.2	145.2	147.2	148.9	150.2
57.5°	134.9	138.6	141.8	144.5	146.9	149.1	151.2	152.9	154.3	155.3	156.2
55°	142.9	146.2	149.2	151.8	153.9	155.7	157.3	158.5	159.4	160.1	160.6
52.5°	149.7	152.7	155.7	158.3	159.9	161.4	162.7	164.2	165.0	165.1	165.1
50°	155.1	158.4	161.1	163.3	165.6	168.1	170.7	172.0	172.6	172.2	171.8
47.5°	160.2	163.3	166.3	169.1	172.3	176.6	180.8	182.9	182.7	181.8	181.4
45°	165.1	168.5	172.0	176.3	180.9	186.4	191.4	194.5	194.5	194.6	195.3
42.5°	170.2	174.5	179.2	185.1	191.1	197.2	202.6	206.5	209.4	212.9	215.9
40°	176.5	181.3	188.4	195.7	203.5	210.0	218.3	225.3	231.2	236.5	240.5
37.5°	184.0	190.8	199.8	209.2	219.3	229.4	239.1	248.1	255.7	264.5	271.0
35°	192.9	202.6	213.6	225.3	237.8	250.7	263.1	277.5	290.1	301.3	310.5
32.5°	203.3	215.0	228.4	244.0	259.7	276.7	294.6	313.0	330.7	349.2	367.7
30°	213.7	229.2	246.4	265.2	283.7	306.0	329.2	359.3	390.9	426.9	482.2
27.5°	226.4	244.9	264.9	286.6	312.0	340.5	385.2	440.9	536.0	607.0	797.7
25°	238.9	260.0	285.6	313.8	347.9	400.0	507.0	630.7	906.3	1164.3	1462.3
22.5°	251.5	277.8	308.6	342.9	402.2	536.3	740.1	1113.1	1538.9	1990.7	2451.0
20°	264.2	295.2	333.7	391.0	515.1	744.7	1202.0	1801.5	2406.5	3145.4	3784.4
17.5°	278.5	316.9	367.3	453.5	658.0	1149.8	1826.3	2658.2	3594.2	4544.3	5341.9
15°	290.3	335.3	402.8	571.2	957.3	1609.9	2495.1	3622.8	4899.1	6100.1	7124.5
12.5°	303.4	355.8	444.5	666.8	1233.5	2091.5	3258.1	4645.8	6177.0	7822.5	10428.1
10°	315.5	376.3	514.4	865.1	1551.9	2578.2	3941.3	5504.9	7361.9	10656.7	16815.9
7.5°	325.6	392.6	567.0	1013.0	1840.1	3037.2	4498.4	6239.6	9031.4	14566.8	24931.2
5°	332.5	403.4	603.5	1123.6	2069.6	3375.9	4854.5	6723.3	10734.7	19346.5	31826.3
2.5°	337.4	409.3	623.0	1188.1	2214.9	3600.1	5106.8	7048.8	11878.3	22111.2	36732.8
0°	341.0	411.0	627.0	1244.0	2264.1	3676.1	5119.2	7136.2	12270.4	23190.7	38481.1
-2.5°	337.4	409.3	623.0	1188.1	2214.9	3600.1	5106.8	7048.8	11878.3	22111.2	36732.8
-5°	332.5	403.4	603.5	1123.6	2069.6	3375.9	4854.5	6723.3	10734.7	19346.5	31826.3
-7.5°	325.6	392.6	567.0	1013.0	1840.1	3037.2	4498.4	6239.6	9031.4	14566.8	24931.2
-10°	315.5	376.3	514.4	865.1	1551.9	2578.2	3941.3	5504.9	7361.9	10656.7	16815.9
-12.5°	303.4	355.8	444.5	666.8	1233.5	2091.5	3258.1	4645.8	6177.0	7822.5	10428.1
-15°	290.3	335.3	402.8	571.2	957.3	1609.9	2495.1	3622.8	4899.1	6100.1	7124.5
-17.5°	278.5	316.9	367.3	453.5	658.0	1149.8	1826.3	2658.2	3594.2	4544.3	5341.9
-20°	264.2	295.2	333.7	391.0	515.1	744.7	1202.0	1801.5	2406.5	3145.4	3784.4



REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	251.5	277.8	308.6	342.9	402.2	536.3	740.1	1113.1	1538.9	1990.7	2451.0
-25°	238.9	260.0	285.6	313.8	347.9	400.0	507.0	630.7	906.3	1164.3	1462.3
-27.5°	226.4	244.9	264.9	286.6	312.0	340.5	385.2	440.9	536.0	607.0	797.7
-30°	213.7	229.2	246.4	265.2	283.7	306.0	329.2	359.3	390.9	426.9	482.2
-32.5°	203.3	215.0	228.4	244.0	259.7	276.7	294.6	313.0	330.7	349.2	367.7
-35°	192.9	202.6	213.6	225.3	237.8	250.7	263.1	277.5	290.1	301.3	310.5
-37.5°	184.0	190.8	199.8	209.2	219.3	229.4	239.1	248.1	255.7	264.5	271.0
-40°	176.5	181.3	188.4	195.7	203.5	210.0	218.3	225.3	231.2	236.5	240.5
-42.5°	170.2	174.5	179.2	185.1	191.1	197.2	202.6	206.5	209.4	212.9	215.9
-45°	165.1	168.5	172.0	176.3	180.9	186.4	191.4	194.5	194.5	194.6	195.3
-47.5°	160.2	163.3	166.3	169.1	172.3	176.6	180.8	182.9	182.7	181.8	181.4
-50°	155.1	158.4	161.1	163.3	165.6	168.1	170.7	172.0	172.6	172.2	171.8
-52.5°	149.7	152.7	155.7	158.3	159.9	161.4	162.7	164.2	165.0	165.1	165.1
-55°	142.9	146.2	149.2	151.8	153.9	155.7	157.3	158.5	159.4	160.1	160.6
-57.5°	134.9	138.6	141.8	144.5	146.9	149.1	151.2	152.9	154.3	155.3	156.2
-60°	125.7	129.7	132.9	135.8	138.6	141.0	143.2	145.2	147.2	148.9	150.2
-62.5°	115.4	119.2	122.5	125.6	128.6	131.1	133.2	135.2	137.0	138.5	139.5
-65°	103.8	107.3	110.7	113.7	116.3	118.7	121.2	123.4	125.2	126.6	127.5
-67.5°	91.8	95.0	98.1	101.1	103.7	106.0	108.2	110.2	112.1	113.5	114.5
-70°	79.8	82.6	85.3	88.0	90.3	92.5	94.5	96.2	97.7	99.0	100.1
-72.5°	67.4	69.9	72.2	74.3	76.3	78.2	80.0	81.7	83.1	84.3	85.2
-75°	54.4	56.7	58.8	60.7	62.4	63.9	65.3	66.5	67.7	68.7	69.6
-77.5°	42.3	44.0	45.5	47.0	48.4	49.8	50.9	51.9	52.6	53.5	54.4
-80°	30.1	31.5	32.7	33.8	34.7	35.9	37.1	38.1	39.1	39.7	40.1
-82.5°	20.0	20.8	21.6	22.3	22.9	23.7	24.4	25.1	25.8	26.2	26.5
-85°	11.7	12.1	12.5	12.8	13.1	13.5	13.9	14.1	14.4	14.8	15.2
-87.5°	4.9	4.9	4.8	4.7	4.5	4.8	5.2	5.5	5.8	5.9	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.5
85°	15.6	15.9	15.5	15.0	15.5	15.9	15.6	15.2	14.8	14.4	14.1
82.5°	26.7	26.9	27.0	27.0	27.0	26.9	26.7	26.5	26.2	25.8	25.1
80°	40.5	40.8	41.4	42.0	41.4	40.8	40.5	40.1	39.7	39.1	38.1
77.5°	55.1	55.7	55.9	56.0	55.9	55.7	55.1	54.4	53.5	52.6	51.9
75°	70.2	70.6	71.9	73.0	71.9	70.6	70.2	69.6	68.7	67.7	66.5
72.5°	86.0	86.6	87.4	88.0	87.4	86.6	86.0	85.2	84.3	83.1	81.7
70°	100.9	101.5	101.9	102.0	101.9	101.5	100.9	100.1	99.0	97.7	96.2
67.5°	115.1	115.5	115.4	115.0	115.4	115.5	115.1	114.5	113.5	112.1	110.2
65°	128.1	128.5	128.4	128.0	128.4	128.5	128.1	127.5	126.6	125.2	123.4
62.5°	140.1	140.5	140.9	141.0	140.9	140.5	140.1	139.5	138.5	137.0	135.2
60°	151.4	152.3	152.8	153.0	152.8	152.3	151.4	150.2	148.9	147.2	145.2
57.5°	157.0	157.6	157.9	158.0	157.9	157.6	157.0	156.2	155.3	154.3	152.9
55°	160.9	160.9	160.6	160.0	160.6	160.9	160.9	160.6	160.1	159.4	158.5
52.5°	164.7	164.2	163.9	164.0	163.9	164.2	164.7	165.1	165.1	165.0	164.2
50°	171.2	170.3	169.9	170.0	169.9	170.3	171.2	171.8	172.2	172.6	172.0
47.5°	182.0	182.4	182.7	183.0	182.7	182.4	182.0	181.4	181.8	182.7	182.9
45°	197.3	198.7	199.6	200.0	199.6	198.7	197.3	195.3	194.6	194.5	194.5
42.5°	218.9	220.6	221.2	221.0	221.2	220.6	218.9	215.9	212.9	209.4	206.5
40°	244.7	248.1	250.0	250.0	250.0	248.1	244.7	240.5	236.5	231.2	225.3
37.5°	276.9	281.4	283.7	283.0	283.7	281.4	276.9	271.0	264.5	255.7	248.1
35°	317.6	322.0	323.9	326.0	323.9	322.0	317.6	310.5	301.3	290.1	277.5
32.5°	382.2	391.3	395.0	390.0	395.0	391.3	382.2	367.7	349.2	330.7	313.0
30°	519.7	552.9	575.1	586.0	575.1	552.9	519.7	482.2	426.9	390.9	359.3
27.5°	929.0	1015.9	1052.7	1073.0	1052.7	1015.9	929.0	797.7	607.0	536.0	440.9
25°	1717.6	1903.1	2009.8	2001.1	2009.8	1903.1	1717.6	1462.3	1164.3	906.3	630.7
22.5°	2878.5	3171.1	3346.6	3411.1	3346.6	3171.1	2878.5	2451.0	1990.7	1538.9	1113.1
20°	4317.8	4645.9	4817.4	4843.1	4817.4	4645.9	4317.8	3784.4	3145.4	2406.5	1801.5
17.5°	5969.7	6280.7	6461.4	6459.2	6461.4	6280.7	5969.7	5341.9	4544.3	3594.2	2658.2
15°	8519.8	9723.6	10402.5	10303.3	10402.5	9723.6	8519.8	7124.5	6100.1	4899.1	3622.8
12.5°	13960.3	18768.5	21751.1	22487.7	21751.1	18768.5	13960.3	10428.1	7822.5	6177.0	4645.8
10°	24669.6	31863.1	37608.0	39268.2	37608.0	31863.1	24669.6	16815.9	10656.7	7361.9	5504.9
7.5°	35485.6	44023.1	47536.7	47944.9	47536.7	44023.1	35485.6	24931.2	14566.8	9031.4	6239.6
5°	43649.6	52336.8	53342.3	50816.5	53342.3	52336.8	43649.6	31826.3	19346.5	10734.7	6723.3
2.5°	49038.4	55601.8	56539.1	55179.7	56539.1	55601.8	49038.4	36732.8	22111.2	11878.3	7048.8
0°	50267.5	54733.6	56065.2	56210.7	56065.2	54733.6	50267.5	38481.1	23190.7	12270.4	7136.2
-2.5°	49038.4	55601.8	56539.1	55179.7	56539.1	55601.8	49038.4	36732.8	22111.2	11878.3	7048.8
-5°	43649.6	52336.8	53342.3	50816.5	53342.3	52336.8	43649.6	31826.3	19346.5	10734.7	6723.3
-7.5°	35485.6	44023.1	47536.7	47944.9	47536.7	44023.1	35485.6	24931.2	14566.8	9031.4	6239.6
-10°	24669.6	31863.1	37608.0	39268.2	37608.0	31863.1	24669.6	16815.9	10656.7	7361.9	5504.9
-12.5°	13960.3	18768.5	21751.1	22487.7	21751.1	18768.5	13960.3	10428.1	7822.5	6177.0	4645.8
-15°	8519.8	9723.6	10402.5	10303.3	10402.5	9723.6	8519.8	7124.5	6100.1	4899.1	3622.8
-17.5°	5969.7	6280.7	6461.4	6459.2	6461.4	6280.7	5969.7	5341.9	4544.3	3594.2	2658.2
-20°	4317.8	4645.9	4817.4	4843.1	4817.4	4645.9	4317.8	3784.4	3145.4	2406.5	1801.5



REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2878.5	3171.1	3346.6	3411.1	3346.6	3171.1	2878.5	2451.0	1990.7	1538.9	1113.1
-25°	1717.6	1903.1	2009.8	2001.1	2009.8	1903.1	1717.6	1462.3	1164.3	906.3	630.7
-27.5°	929.0	1015.9	1052.7	1073.0	1052.7	1015.9	929.0	797.7	607.0	536.0	440.9
-30°	519.7	552.9	575.1	586.0	575.1	552.9	519.7	482.2	426.9	390.9	359.3
-32.5°	382.2	391.3	395.0	390.0	395.0	391.3	382.2	367.7	349.2	330.7	313.0
-35°	317.6	322.0	323.9	326.0	323.9	322.0	317.6	310.5	301.3	290.1	277.5
-37.5°	276.9	281.4	283.7	283.0	283.7	281.4	276.9	271.0	264.5	255.7	248.1
-40°	244.7	248.1	250.0	250.0	250.0	248.1	244.7	240.5	236.5	231.2	225.3
-42.5°	218.9	220.6	221.2	221.0	221.2	220.6	218.9	215.9	212.9	209.4	206.5
-45°	197.3	198.7	199.6	200.0	199.6	198.7	197.3	195.3	194.6	194.5	194.5
-47.5°	182.0	182.4	182.7	183.0	182.7	182.4	182.0	181.4	181.8	182.7	182.9
-50°	171.2	170.3	169.9	170.0	169.9	170.3	171.2	171.8	172.2	172.6	172.0
-52.5°	164.7	164.2	163.9	164.0	163.9	164.2	164.7	165.1	165.1	165.0	164.2
-55°	160.9	160.9	160.6	160.0	160.6	160.9	160.9	160.6	160.1	159.4	158.5
-57.5°	157.0	157.6	157.9	158.0	157.9	157.6	157.0	156.2	155.3	154.3	152.9
-60°	151.4	152.3	152.8	153.0	152.8	152.3	151.4	150.2	148.9	147.2	145.2
-62.5°	140.1	140.5	140.9	141.0	140.9	140.5	140.1	139.5	138.5	137.0	135.2
-65°	128.1	128.5	128.4	128.0	128.4	128.5	128.1	127.5	126.6	125.2	123.4
-67.5°	115.1	115.5	115.4	115.0	115.4	115.5	115.1	114.5	113.5	112.1	110.2
-70°	100.9	101.5	101.9	102.0	101.9	101.5	100.9	100.1	99.0	97.7	96.2
-72.5°	86.0	86.6	87.4	88.0	87.4	86.6	86.0	85.2	84.3	83.1	81.7
-75°	70.2	70.6	71.9	73.0	71.9	70.6	70.2	69.6	68.7	67.7	66.5
-77.5°	55.1	55.7	55.9	56.0	55.9	55.7	55.1	54.4	53.5	52.6	51.9
-80°	40.5	40.8	41.4	42.0	41.4	40.8	40.5	40.1	39.7	39.1	38.1
-82.5°	26.7	26.9	27.0	27.0	27.0	26.9	26.7	26.5	26.2	25.8	25.1
-85°	15.6	15.9	15.5	15.0	15.5	15.9	15.6	15.2	14.8	14.4	14.1
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.2	4.8	4.5	4.7	4.8	4.9	4.9	4.8	4.6	4.4	4.2
85°	13.9	13.5	13.1	12.8	12.5	12.1	11.7	11.1	10.5	9.9	9.3
82.5°	24.4	23.7	22.9	22.3	21.6	20.8	20.0	19.1	18.0	16.8	15.6
80°	37.1	35.9	34.7	33.8	32.7	31.5	30.1	28.8	27.4	26.1	24.7
77.5°	50.9	49.8	48.4	47.0	45.5	44.0	42.3	40.3	38.4	36.4	34.3
75°	65.3	63.9	62.4	60.7	58.8	56.7	54.4	52.1	49.6	47.0	44.3
72.5°	80.0	78.2	76.3	74.3	72.2	69.9	67.4	64.5	61.4	58.1	54.8
70°	94.5	92.5	90.3	88.0	85.3	82.6	79.8	76.9	73.8	70.3	66.1
67.5°	108.2	106.0	103.7	101.1	98.1	95.0	91.8	88.5	85.0	81.3	77.0
65°	121.2	118.7	116.3	113.7	110.7	107.3	103.8	100.1	96.1	91.9	87.3
62.5°	133.2	131.1	128.6	125.6	122.5	119.2	115.4	111.2	106.9	102.4	97.3
60°	143.2	141.0	138.6	135.8	132.9	129.7	125.7	121.5	117.1	112.1	106.9
57.5°	151.2	149.1	146.9	144.5	141.8	138.6	134.9	131.0	126.4	121.4	116.0
55°	157.3	155.7	153.9	151.8	149.2	146.2	142.9	139.1	134.7	130.1	124.4
52.5°	162.7	161.4	159.9	158.3	155.7	152.7	149.7	146.0	142.1	137.3	132.2
50°	170.7	168.1	165.6	163.3	161.1	158.4	155.1	151.9	148.2	143.8	138.9
47.5°	180.8	176.6	172.3	169.1	166.3	163.3	160.2	156.9	153.4	149.5	144.7
45°	191.4	186.4	180.9	176.3	172.0	168.5	165.1	161.8	158.3	154.4	150.0
42.5°	202.6	197.2	191.1	185.1	179.2	174.5	170.2	166.7	162.9	159.1	154.5
40°	218.3	210.0	203.5	195.7	188.4	181.3	176.5	171.8	167.6	163.3	158.9
37.5°	239.1	229.4	219.3	209.2	199.8	190.8	184.0	178.1	172.6	167.8	162.8
35°	263.1	250.7	237.8	225.3	213.6	202.6	192.9	185.2	178.7	172.7	166.9
32.5°	294.6	276.7	259.7	244.0	228.4	215.0	203.3	193.4	185.4	178.5	171.7
30°	329.2	306.0	283.7	265.2	246.4	229.2	213.7	202.0	192.7	184.7	176.8
27.5°	385.2	340.5	312.0	286.6	264.9	244.9	226.4	209.7	199.4	190.9	182.3
25°	507.0	400.0	347.9	313.8	285.6	260.0	238.9	219.7	205.5	196.2	185.3
22.5°	740.1	536.3	402.2	342.9	308.6	277.8	251.5	229.9	210.2	198.5	187.3
20°	1202.0	744.7	515.1	391.0	333.7	295.2	264.2	239.9	218.0	201.2	188.7
17.5°	1826.3	1149.8	658.0	453.5	367.3	316.9	278.5	249.0	225.0	204.1	189.5
15°	2495.1	1609.9	957.3	571.2	402.8	335.3	290.3	257.4	231.6	208.4	191.6
12.5°	3258.1	2091.5	1233.5	666.8	444.5	355.8	303.4	266.7	238.1	213.6	195.0
10°	3941.3	2578.2	1551.9	865.1	514.4	376.3	315.5	274.9	244.1	217.8	197.6
7.5°	4498.4	3037.2	1840.1	1013.0	567.0	392.6	325.6	281.8	249.1	221.0	199.5
5°	4854.5	3375.9	2069.6	1123.6	603.5	403.4	332.5	286.9	252.8	222.9	200.7
2.5°	5106.8	3600.1	2214.9	1188.1	623.0	409.3	337.4	290.0	255.6	225.4	202.7
0°	5119.2	3676.1	2264.1	1244.0	627.0	411.0	341.0	291.0	257.0	227.0	204.0
-2.5°	5106.8	3600.1	2214.9	1188.1	623.0	409.3	337.4	290.0	255.6	225.4	202.7
-5°	4854.5	3375.9	2069.6	1123.6	603.5	403.4	332.5	286.9	252.8	222.9	200.7
-7.5°	4498.4	3037.2	1840.1	1013.0	567.0	392.6	325.6	281.8	249.1	221.0	199.5
-10°	3941.3	2578.2	1551.9	865.1	514.4	376.3	315.5	274.9	244.1	217.8	197.6
-12.5°	3258.1	2091.5	1233.5	666.8	444.5	355.8	303.4	266.7	238.1	213.6	195.0
-15°	2495.1	1609.9	957.3	571.2	402.8	335.3	290.3	257.4	231.6	208.4	191.6
-17.5°	1826.3	1149.8	658.0	453.5	367.3	316.9	278.5	249.0	225.0	204.1	189.5
-20°	1202.0	744.7	515.1	391.0	333.7	295.2	264.2	239.9	218.0	201.2	188.7





REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	740.1	536.3	402.2	342.9	308.6	277.8	251.5	229.9	210.2	198.5	187.3
-25°	507.0	400.0	347.9	313.8	285.6	260.0	238.9	219.7	205.5	196.2	185.3
-27.5°	385.2	340.5	312.0	286.6	264.9	244.9	226.4	209.7	199.4	190.9	182.3
-30°	329.2	306.0	283.7	265.2	246.4	229.2	213.7	202.0	192.7	184.7	176.8
-32.5°	294.6	276.7	259.7	244.0	228.4	215.0	203.3	193.4	185.4	178.5	171.7
-35°	263.1	250.7	237.8	225.3	213.6	202.6	192.9	185.2	178.7	172.7	166.9
-37.5°	239.1	229.4	219.3	209.2	199.8	190.8	184.0	178.1	172.6	167.8	162.8
-40°	218.3	210.0	203.5	195.7	188.4	181.3	176.5	171.8	167.6	163.3	158.9
-42.5°	202.6	197.2	191.1	185.1	179.2	174.5	170.2	166.7	162.9	159.1	154.5
-45°	191.4	186.4	180.9	176.3	172.0	168.5	165.1	161.8	158.3	154.4	150.0
-47.5°	180.8	176.6	172.3	169.1	166.3	163.3	160.2	156.9	153.4	149.5	144.7
-50°	170.7	168.1	165.6	163.3	161.1	158.4	155.1	151.9	148.2	143.8	138.9
-52.5°	162.7	161.4	159.9	158.3	155.7	152.7	149.7	146.0	142.1	137.3	132.2
-55°	157.3	155.7	153.9	151.8	149.2	146.2	142.9	139.1	134.7	130.1	124.4
-57.5°	151.2	149.1	146.9	144.5	141.8	138.6	134.9	131.0	126.4	121.4	116.0
-60°	143.2	141.0	138.6	135.8	132.9	129.7	125.7	121.5	117.1	112.1	106.9
-62.5°	133.2	131.1	128.6	125.6	122.5	119.2	115.4	111.2	106.9	102.4	97.3
-65°	121.2	118.7	116.3	113.7	110.7	107.3	103.8	100.1	96.1	91.9	87.3
-67.5°	108.2	106.0	103.7	101.1	98.1	95.0	91.8	88.5	85.0	81.3	77.0
-70°	94.5	92.5	90.3	88.0	85.3	82.6	79.8	76.9	73.8	70.3	66.1
-72.5°	80.0	78.2	76.3	74.3	72.2	69.9	67.4	64.5	61.4	58.1	54.8
-75°	65.3	63.9	62.4	60.7	58.8	56.7	54.4	52.1	49.6	47.0	44.3
-77.5°	50.9	49.8	48.4	47.0	45.5	44.0	42.3	40.3	38.4	36.4	34.3
-80°	37.1	35.9	34.7	33.8	32.7	31.5	30.1	28.8	27.4	26.1	24.7
-82.5°	24.4	23.7	22.9	22.3	21.6	20.8	20.0	19.1	18.0	16.8	15.6
-85°	13.9	13.5	13.1	12.8	12.5	12.1	11.7	11.1	10.5	9.9	9.3
-87.5°	5.2	4.8	4.5	4.7	4.8	4.9	4.9	4.8	4.6	4.4	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558775 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	8.9	8.4	7.9	7.3	6.7	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	14.6	13.9	13.2	12.5	11.6	10.7	9.7	8.6	7.4	6.2	5.4
80°	23.1	21.6	20.0	18.5	16.9	15.5	14.2	12.8	11.1	9.4	7.8
77.5°	32.1	29.8	27.4	25.2	23.2	21.1	19.1	17.0	14.7	12.6	10.5
75°	41.4	38.6	35.8	32.8	29.8	26.7	24.2	21.6	18.8	15.8	13.2
72.5°	51.6	48.2	44.5	40.6	37.1	33.4	29.7	26.1	23.0	19.6	16.1
70°	62.0	57.9	53.8	49.3	44.7	40.1	35.9	31.5	27.1	23.4	19.4
67.5°	72.4	67.5	62.8	57.9	52.6	47.3	42.1	37.1	32.2	27.1	22.8
65°	82.3	77.0	71.4	65.9	60.2	54.4	48.5	42.7	37.1	31.5	26.1
62.5°	92.1	86.5	80.4	73.9	67.6	61.3	54.9	48.5	42.1	35.9	29.7
60°	101.5	95.5	89.0	82.0	75.0	68.0	61.1	54.2	47.2	40.1	33.4
57.5°	110.2	104.1	97.1	89.8	82.2	74.6	67.2	59.7	52.2	44.5	37.1
55°	118.6	112.1	104.9	97.2	89.2	81.0	73.2	65.2	57.1	48.9	40.6
52.5°	126.3	119.5	112.1	104.3	95.9	87.4	79.1	70.5	61.8	53.1	44.3
50°	133.2	126.4	118.9	110.8	102.3	93.5	84.9	75.7	66.4	57.2	47.9
47.5°	139.4	132.7	125.2	117.0	108.2	99.5	90.4	80.9	70.9	61.2	51.5
45°	144.6	138.4	131.0	122.7	114.1	105.0	95.5	86.0	75.4	65.0	54.9
42.5°	149.5	143.5	136.3	128.1	119.6	110.4	100.4	90.5	79.8	68.8	58.2
40°	153.7	148.1	141.3	133.3	124.9	115.6	105.2	94.7	84.1	72.4	61.3
37.5°	157.7	152.1	145.5	138.5	129.9	120.3	109.8	98.7	88.0	75.9	64.2
35°	161.4	155.7	149.9	143.0	134.5	124.8	114.2	102.5	91.3	79.3	67.0
32.5°	165.0	159.1	153.3	146.8	139.0	129.2	118.3	106.2	94.4	82.4	69.7
30°	169.1	162.1	156.3	150.3	143.1	133.2	121.9	109.6	97.4	85.3	72.2
27.5°	172.4	164.6	159.0	153.1	146.1	136.9	125.1	112.6	100.1	87.9	74.6
25°	175.1	167.0	161.0	155.5	148.9	139.9	128.0	115.3	102.6	90.1	76.7
22.5°	177.3	169.0	162.6	157.6	151.5	142.5	130.6	117.7	104.9	92.2	78.7
20°	178.5	170.5	163.8	159.4	153.7	144.5	132.7	119.8	106.9	94.0	80.4
17.5°	178.9	171.6	165.3	160.6	155.3	146.5	134.6	121.7	108.5	95.6	82.0
15°	180.5	172.6	166.4	161.5	156.7	148.5	136.3	123.3	110.0	97.0	83.3
12.5°	182.3	173.4	167.1	162.4	157.8	150.3	137.6	124.6	111.1	98.2	84.4
10°	183.9	174.0	167.5	163.0	158.7	152.0	138.7	125.7	112.3	99.2	85.4
7.5°	185.1	174.2	167.6	163.4	159.4	153.4	139.7	126.5	113.3	100.0	86.1
5°	186.0	174.3	167.5	163.8	160.1	154.3	140.4	126.9	114.1	100.6	86.6
2.5°	186.7	174.3	167.3	163.9	160.6	154.8	140.8	127.1	114.7	100.9	86.9
0°	187.0	174.0	167.0	164.0	161.0	155.0	141.0	127.0	115.0	101.0	87.0
-2.5°	186.7	174.3	167.3	163.9	160.6	154.8	140.8	127.1	114.7	100.9	86.9
-5°	186.0	174.3	167.5	163.8	160.1	154.3	140.4	126.9	114.1	100.6	86.6
-7.5°	185.1	174.2	167.6	163.4	159.4	153.4	139.7	126.5	113.3	100.0	86.1
-10°	183.9	174.0	167.5	163.0	158.7	152.0	138.7	125.7	112.3	99.2	85.4
-12.5°	182.3	173.4	167.1	162.4	157.8	150.3	137.6	124.6	111.1	98.2	84.4
-15°	180.5	172.6	166.4	161.5	156.7	148.5	136.3	123.3	110.0	97.0	83.3
-17.5°	178.9	171.6	165.3	160.6	155.3	146.5	134.6	121.7	108.5	95.6	82.0
-20°	178.5	170.5	163.8	159.4	153.7	144.5	132.7	119.8	106.9	94.0	80.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	177.3	169.0	162.6	157.6	151.5	142.5	130.6	117.7	104.9	92.2	78.7
-25°	175.1	167.0	161.0	155.5	148.9	139.9	128.0	115.3	102.6	90.1	76.7
-27.5°	172.4	164.6	159.0	153.1	146.1	136.9	125.1	112.6	100.1	87.9	74.6
-30°	169.1	162.1	156.3	150.3	143.1	133.2	121.9	109.6	97.4	85.3	72.2
-32.5°	165.0	159.1	153.3	146.8	139.0	129.2	118.3	106.2	94.4	82.4	69.7
-35°	161.4	155.7	149.9	143.0	134.5	124.8	114.2	102.5	91.3	79.3	67.0
-37.5°	157.7	152.1	145.5	138.5	129.9	120.3	109.8	98.7	88.0	75.9	64.2
-40°	153.7	148.1	141.3	133.3	124.9	115.6	105.2	94.7	84.1	72.4	61.3
-42.5°	149.5	143.5	136.3	128.1	119.6	110.4	100.4	90.5	79.8	68.8	58.2
-45°	144.6	138.4	131.0	122.7	114.1	105.0	95.5	86.0	75.4	65.0	54.9
-47.5°	139.4	132.7	125.2	117.0	108.2	99.5	90.4	80.9	70.9	61.2	51.5
-50°	133.2	126.4	118.9	110.8	102.3	93.5	84.9	75.7	66.4	57.2	47.9
-52.5°	126.3	119.5	112.1	104.3	95.9	87.4	79.1	70.5	61.8	53.1	44.3
-55°	118.6	112.1	104.9	97.2	89.2	81.0	73.2	65.2	57.1	48.9	40.6
-57.5°	110.2	104.1	97.1	89.8	82.2	74.6	67.2	59.7	52.2	44.5	37.1
-60°	101.5	95.5	89.0	82.0	75.0	68.0	61.1	54.2	47.2	40.1	33.4
-62.5°	92.1	86.5	80.4	73.9	67.6	61.3	54.9	48.5	42.1	35.9	29.7
-65°	82.3	77.0	71.4	65.9	60.2	54.4	48.5	42.7	37.1	31.5	26.1
-67.5°	72.4	67.5	62.8	57.9	52.6	47.3	42.1	37.1	32.2	27.1	22.8
-70°	62.0	57.9	53.8	49.3	44.7	40.1	35.9	31.5	27.1	23.4	19.4
-72.5°	51.6	48.2	44.5	40.6	37.1	33.4	29.7	26.1	23.0	19.6	16.1
-75°	41.4	38.6	35.8	32.8	29.8	26.7	24.2	21.6	18.8	15.8	13.2
-77.5°	32.1	29.8	27.4	25.2	23.2	21.1	19.1	17.0	14.7	12.6	10.5
-80°	23.1	21.6	20.0	18.5	16.9	15.5	14.2	12.8	11.1	9.4	7.8
-82.5°	14.6	13.9	13.2	12.5	11.6	10.7	9.7	8.6	7.4	6.2	5.4
-85°	8.9	8.4	7.9	7.3	6.7	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	8.6	6.7	5.2	3.9	2.6	1.3	0.0
75°	10.9	8.6	6.3	4.6	3.1	1.6	0.0
72.5°	13.1	10.6	7.9	5.4	3.6	1.8	0.0
70°	15.5	12.5	9.5	6.2	4.1	2.1	0.0
67.5°	18.4	14.4	11.0	7.4	4.6	2.3	0.0
65°	21.2	16.5	12.6	8.6	5.1	2.5	0.0
62.5°	24.0	18.8	14.1	9.8	5.5	2.8	0.0
60°	26.7	21.0	15.6	10.9	6.0	3.0	0.0
57.5°	29.8	23.2	17.3	12.0	6.7	3.2	0.0
55°	32.8	25.3	18.9	13.1	7.5	3.4	0.0
52.5°	35.8	27.4	20.5	14.2	8.2	3.7	0.0
50°	38.6	29.8	22.1	15.2	8.8	3.9	0.0
47.5°	41.4	32.1	23.6	16.2	9.5	4.1	0.0
45°	44.4	34.3	25.0	17.3	10.1	4.2	0.0
42.5°	47.2	36.4	26.4	18.3	10.7	4.4	0.0
40°	49.9	38.4	27.8	19.2	11.3	4.6	0.0
37.5°	52.5	40.4	29.3	20.2	11.9	4.8	0.0
35°	55.0	42.3	30.8	21.0	12.4	4.9	0.0
32.5°	57.3	44.3	32.2	21.8	12.9	5.1	0.0
30°	59.5	46.1	33.4	22.6	13.3	5.2	0.0
27.5°	61.4	47.8	34.7	23.3	13.7	5.3	0.0
25°	63.3	49.4	35.8	23.9	14.1	5.4	0.0
22.5°	64.9	50.8	36.9	24.5	14.5	5.5	0.0
20°	66.4	52.1	37.8	25.0	14.8	5.6	0.0
17.5°	67.7	53.3	38.7	25.5	15.1	5.7	0.0
15°	68.9	54.3	39.5	25.9	15.3	5.8	0.0
12.5°	69.8	55.1	40.2	26.2	15.5	5.9	0.0
10°	70.6	55.8	40.8	26.5	15.7	5.9	0.0
7.5°	71.2	56.3	41.2	26.7	15.8	5.9	0.0
5°	71.6	56.7	41.6	26.9	15.9	6.0	0.0
2.5°	71.9	56.9	41.9	27.0	16.0	6.0	0.0
0°	72.0	57.0	42.0	27.0	16.0	6.0	0.0
-2.5°	71.9	56.9	41.9	27.0	16.0	6.0	0.0
-5°	71.6	56.7	41.6	26.9	15.9	6.0	0.0
-7.5°	71.2	56.3	41.2	26.7	15.8	5.9	0.0
-10°	70.6	55.8	40.8	26.5	15.7	5.9	0.0
-12.5°	69.8	55.1	40.2	26.2	15.5	5.9	0.0
-15°	68.9	54.3	39.5	25.9	15.3	5.8	0.0
-17.5°	67.7	53.3	38.7	25.5	15.1	5.7	0.0
-20°	66.4	52.1	37.8	25.0	14.8	5.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	64.9	50.8	36.9	24.5	14.5	5.5	0.0
-25°	63.3	49.4	35.8	23.9	14.1	5.4	0.0
-27.5°	61.4	47.8	34.7	23.3	13.7	5.3	0.0
-30°	59.5	46.1	33.4	22.6	13.3	5.2	0.0
-32.5°	57.3	44.3	32.2	21.8	12.9	5.1	0.0
-35°	55.0	42.3	30.8	21.0	12.4	4.9	0.0
-37.5°	52.5	40.4	29.3	20.2	11.9	4.8	0.0
-40°	49.9	38.4	27.8	19.2	11.3	4.6	0.0
-42.5°	47.2	36.4	26.4	18.3	10.7	4.4	0.0
-45°	44.4	34.3	25.0	17.3	10.1	4.2	0.0
-47.5°	41.4	32.1	23.6	16.2	9.5	4.1	0.0
-50°	38.6	29.8	22.1	15.2	8.8	3.9	0.0
-52.5°	35.8	27.4	20.5	14.2	8.2	3.7	0.0
-55°	32.8	25.3	18.9	13.1	7.5	3.4	0.0
-57.5°	29.8	23.2	17.3	12.0	6.7	3.2	0.0
-60°	26.7	21.0	15.6	10.9	6.0	3.0	0.0
-62.5°	24.0	18.8	14.1	9.8	5.5	2.8	0.0
-65°	21.2	16.5	12.6	8.6	5.1	2.5	0.0
-67.5°	18.4	14.4	11.0	7.4	4.6	2.3	0.0
-70°	15.5	12.5	9.5	6.2	4.1	2.1	0.0
-72.5°	13.1	10.6	7.9	5.4	3.6	1.8	0.0
-75°	10.9	8.6	6.3	4.6	3.1	1.6	0.0
-77.5°	8.6	6.7	5.2	3.9	2.6	1.3	0.0
-80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)